CLAIMS

1. A connector for joining at least two electric conductors in a shielded manner, the connector comprising:

- a body arranged attachable to a base and having elements for attaching the body to said base,

- a receiving element for electrically connecting an entering electric conductor and an exiting electric conductor, said receiving element being arranged to attach to the body,

comprising

- a cavity open on one side is arranged to the body, the size of the cavity being arranged to be such that a shielding means is insertable in it in such a manner that when the body is attached to its base, the body covers at least partly said shielding means,

- in the body, at least one bushing hole is arranged between the cavity and receiving element in such a manner that the receiving element and the shielding means in the cavity are connectable to each other through said bushing hole with a particularly short conductor.

2. A connector as claimed in claim 1, wherein on its side surfaces, the body is arranged to settle together with another similar body in such a manner that the elements arranged on the sides of the body are located on two opposite corners of the body, and on the other opposite corners, a recess is arranged for settling at least a section of the element of the adjacent body therein.

3. A connector as claimed in claim 1, wherein the open section of the cavity arranged in the body is on the side that is against the base of the body, when the body is attached.

4. A shielding arrangement in a connector for connecting at least two electric conductors, comprising:

- a body attached to a base,

- a connection element for connecting the electric conductors, with a shielding means having two pins, a first pin and a second pin, connected to it,

- the first pin being connected to the connection element,

the arrangement comprising:

- a cavity arranged to the body of the connector, the cavity being open on the side that settles against the base, and that

- the shielding means is inserted in the cavity arranged in the connector, and the body covers said shielding means when attached to the base, and

- the second pin of the shielding means is galvanically coupled to the base.

5. A shielding arrangement in a connector as claimed in claim 4, wherein the second pin of the shielding means is connected to the base with a grounding strip located between the body and base.

6. A shielding arrangement in a connector as claimed in claim 4, wherein the first pin of the shielding means is connected to the connection element with a connecting means.

7. A shielding arrangement in a connector as claimed in claim 4, wherein the shielding means is a capacitor.

8. A shielding arrangement in a connector as claimed in claim 4, wherein the shielding means is a surge arrester.